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PATENT APPLICATION
Docket No. 26860/33:37 USA

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:
My residence, post office address, and citizenship
are as stated below next to my name.

I believe I am an original, first, and joint
inventor of the subject matter which is claimed and for
which a patent is sought on the invention entitled
**ULTRAVIOLET LASER SYSTEM FOR FORMING VIAS IN MULTI-LAYERED
TARGETS** the specification of which

[] is attached hereto.

[x] was filed on July 18, 1994 as U.S. Patent
Application Number 08/276,797 and was
preliminarily amended on September 25,
1995.

I hereby state that I have reviewed and
understand the contents of the above identified
specification, including the claims, as amended by any
amendment referred to above.

I acknowledge the duty to disclose information
that is material to patentability as defined in Title 37,
Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under
Title 35, United States Code § 119(a)-(d) of any foreign
application(s) for patent or inventor's certificate listed
below and have also identified below any foreign application
for patent or inventor's certificate having a filing date
before that of the application on which priority is claimed.

NONE

Prior Foreign Application(s)

Priority Claimed

(Number)

(Country)

(Day/Month/Year
Filed)

[] Yes [] No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional applications(s) listed below:

NONE

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

NONE

(Application No.)

(Filing Date)

(Status--patented,
pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file any corresponding international application(s), and to transact all business in the Patent and Trademark Office connected therewith:

| <u>Name</u> | <u>Reg. No.</u> |
|--------------------------|-----------------|
| Paul S. Angello | 30,991 |
| Michael L. Levine | 33,947 |
| William J. McNichol, Jr. | 31,179 |
| Richard B. Preiss | 36,640 |
| Michael O. Scheinberg | 36,919 |
| Timothy E. Siegel | 37,442 |
| James L. Wolfe | 33,623 |
| Lynette Wylie | 34,951 |

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Levine at telephone number (503) 224-3380.

Address all correspondence to:

Michael L. Levine
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Portland, Oregon 97204-1268

I hereby declare that all statements made
herein of my own knowledge are true and that all statements
made on information and belief are believed to be true and
further that these statements were made with the knowledge
that willful false statements and the like so made are
punishable by fine or imprisonment, or both, under Section
1001 of Title 18 of the United States Code and that such
willful false statements may jeopardize the validity of the
application or any patent issued thereon.

Full name of sole or first inventor: Mark D. Owen

Inventor's signature: Mark D. Owen 1/25/96
Date

Residence: Beaverton, Oregon

Citizenship: USA

Post Office address: 16075 NW Telshire Dr.
Beaverton, Oregon 97006

Full name of second
joint inventor, if any: James N. O'Brien

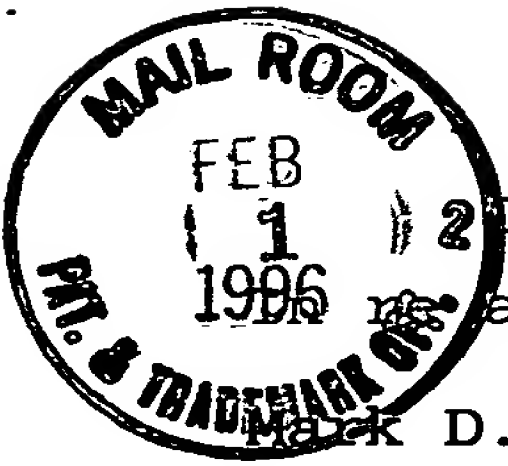
Inventor's signature: James N. O'Brien 1/25/96
Date

Residence: Bend, Oregon

Citizenship: USA

Post Office address: 19015 Pinehurst Road
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re-application of

Mark D. Owen

Group Art Unit: 2106

Application No. 08/276,797

Filed: July 18, 1994

For: ULTRAVIOLET LASER SYSTEM FOR
FORMING VIAS IN MULTI-LAYERED
TARGETS

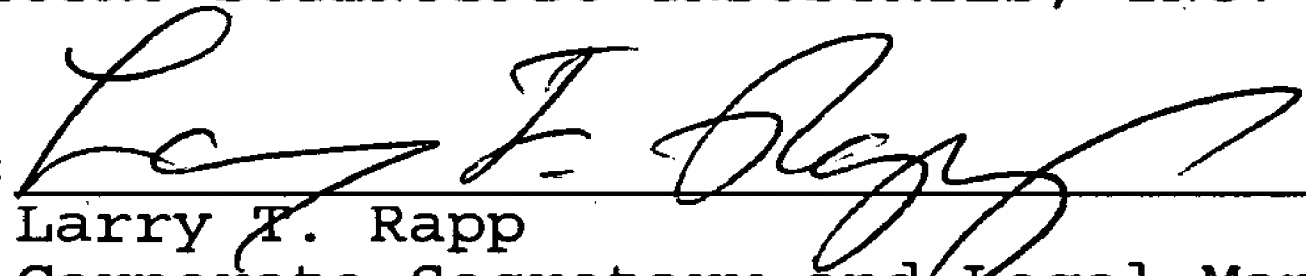
Examiner: Greg Mills

CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Electro Scientific Industries, Inc., an Oregon corporation, having a place of business at 13900 NW Science Park Drive, Portland, Oregon 97229, as assignee of the above-identified patent application, hereby consents to the amendment of the application to correct the inventorship by adding James N. O'Brien as a joint inventor.

ELECTRO SCIENTIFIC INDUSTRIES, INC.

By: 
Larry T. Rapp
Corporate Secretary and Legal Manager

Date: 1/25/96